

# 2010-2014 Year Summary

## 2012 500-Streets

Project	Dept.	G.O. Bond	Municipal State Aid	Special Assessment	G.O. Water Revenue Bond	G.O. Sewer Revenue Bond	Stormwater Revenue	Blue Earth County	Other	Totals
Madison Avenue-Th 22 to future CSAH 12	E-BEC			360,000					Turnback 1,740,000 Funds	2,100,000
Madison Avenue-North Victory Drive to TH 22	E	750,000	2,702,000	788,200						4,240,200
Marshall Street	E	568,784		334,579	122,679	89,221				1,115,263
Fair Street	E	511,176		312,965	114,753	83,457				1,022,351
Fulton Street	E	261,946		160,374	58,804	42,767				523,891
Ramsey Street	E	191,599		112,706	41,325	30,055				375,685
West 2nd and Marcy Phase 3	E	54,957		27,944	10,246					93,147
Alley Rehab/Overlay	E	166,440		125,560						292,000
Critical Sidewalks	E	75,000		15,000						90,000
Overlays	E	200,000		150,000	25,000	25,000	150,000		General 50,000 Fund	600,000
Petition Projects	E	100,000								100,000
Stormwater Outfalls Corrections	E						50,000			50,000
<b>TOTALS</b>		<b>2,879,902</b>	<b>2,702,000</b>	<b>2,387,328</b>	<b>372,807</b>	<b>270,500</b>	<b>200,000</b>		<b>1,790,000</b>	<b>10,602,537</b>

## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Madison Avenue-TH 22 to future CSAH 12	2012

### Sources of Funding

Turnback Funds	\$ 1,740,000
Special Assessment	<u>\$ 360,000</u>
<b>Total Cost</b>	<b>\$ 2,100,000</b>

### **PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT**

**Project Description:** Complete reconstruction of CSAH 17/Madison Avenue from TH22 to future CSAH 12, to include extension of required utilities to anticipated future growth areas.

**Justification:** Identified as a need in MATAPS and AUAR documents. This project will be constructed with TH 14 turnback funds which are scheduled to expire in 2012.

**Site Requirements:** Easements or ROW acquisition will be needed for trail extension and potential power line relocation

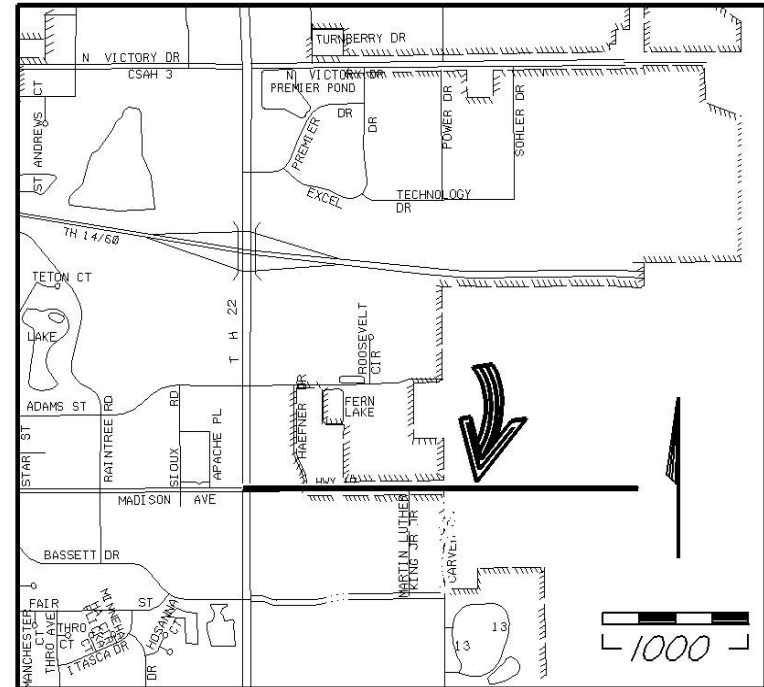
**Impact:** Neighborhood improvements and reduction of maintenance expenditures.

**Planning Commission Comment:** Identified and recommended by the Southeast AUAR project.

**Multi-Modal Committee Comment:**

**Project History:** Trunk Highway 14 was relocated from this route in 1998, this roadway became a rural county 2-lane road and it has continued to serve as an interconnector between Mankato and Eagle Lake. The project is eligible for major rural turnback funding.

### **LOCATION AND RELEVANT GRAPHIC DETAILS**



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Madison Avenue-Victory Drive to TH 22	2012

### Sources of Funding

General Obligation Bond	\$ 750,000
Municipal State Aid	\$ 2,702,000
Special Assessments	\$ 788,200
<b>Total Cost</b>	<b>\$ 4,240,200</b>

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Increase street lighting to a commercial standard. Rehabilitate pavement of an overlay placed in 1988. Install missing trail and sidewalk sections. Add curb and gutter and drainage upgrades to fulfill missing needs and turn lanes. Work with Xcel Energy to bury power lines and create an attractive commercial right-of-way.

**Justification:** Meet safety needs and expected standards.

**Pavement Rating:** Poor to very poor

**Site Requirements:** None

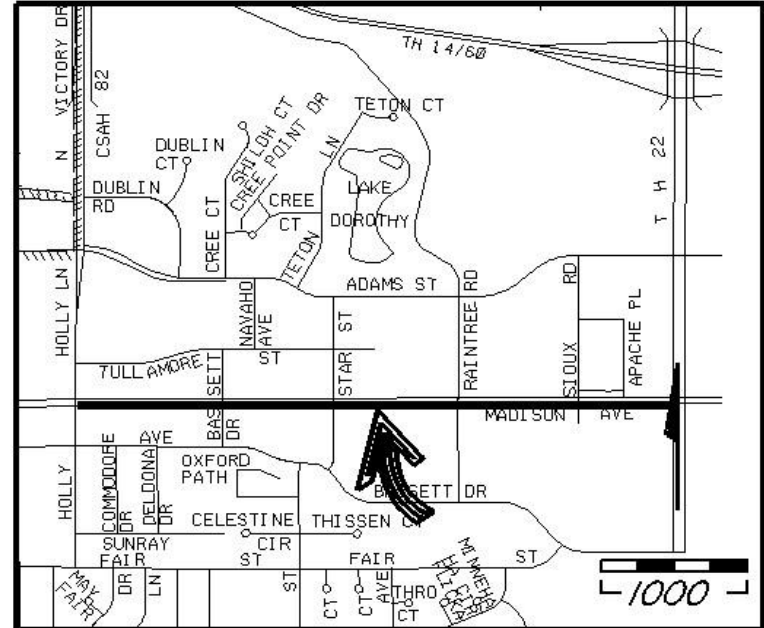
**Impact:** Improved drainage and pedestrian safety

**Planning Commission Comment:**

**Multi-Modal Committee Comment:**

**Project History:** The volume of traffic on East Madison Avenue is recognized as being significant enough that a street lighting system is warranted for vehicular traffic safety. Increases in pedestrian traffic along the route render the area a likely candidate for additional pedestrian lighting for safety. When the project was considered by Mn/DOT and rebuilt in 1983, it was determined that lighting could be postponed 10 to 15 years because there was spillover lighting from the commercial establishments along the route. Intermittent utility-owned street lighting was added to enhance lighting somewhat.

### LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Marshall Street	2012

### Sources of Funding

General Obligation Bond	\$ 568,784
Special Assessment	\$ 334,579
G.O. Water Revenue Bonds	\$ 122,679
G.O. Sewer Revenue Bonds	\$ 89,221
<b>Total Cost</b>	<b>\$ 1,115,263</b>

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Complete reconstruction of Marshall Street from Front Street to Shabut Street, to include replacement of aging infrastructure and installation of new storm drainage improvements per the storm drain master plan.

**Justification:** Replacement of aging facilities and drainage improvement

**Pavement Rating:** Fair to poor

**Watermain Condition:** Good to failing

**Sewer Condition:** Fair to poor

**Drainage to Streets:** Fair to poor

**Site Requirements:** None

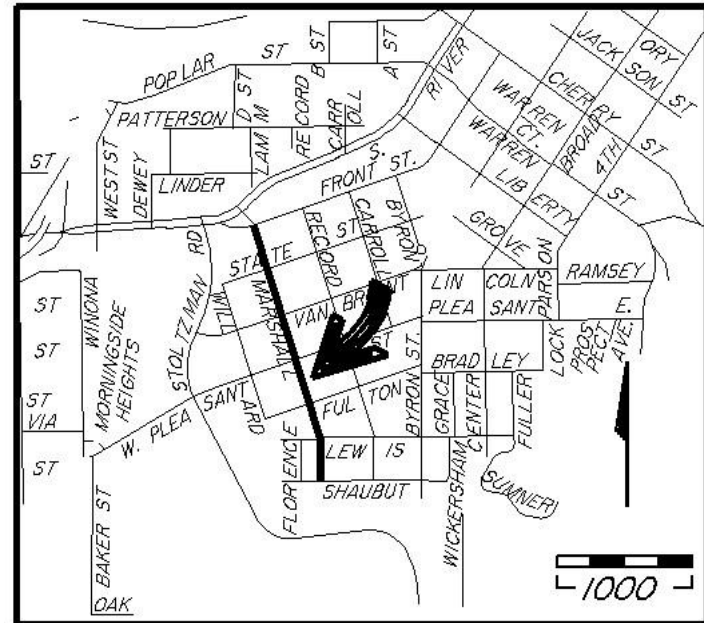
**Impact:** Neighborhood improvements and reduction of maintenance expenditures.

**Planning Commission Comment:** None (2008)

**Multi-Modal Committee Comment:**

**Project History:** None

### LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Fair Street	2012

### Sources of Funding

General Obligation Bond	\$ 511,176
Special Assessment	\$ 312,965
G.O. Water Revenue Bonds	\$ 114,753
G.O. Sewer Revenue Bonds	\$ 83,457
<b>Total Cost</b>	<b>\$ 1,022,351</b>

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Complete reconstruction of Fair Street from McConnell to Extension Street to include replacement of aging infrastructure and install new storm drainage improvements per the storm drain master plan.

**Justification:** Replacement of aging facilities and improving drainage

**Pavement Rating:** Good to poor

**Watermain Condition:** Very good to poor

**Sewer Condition:** Very good to fair

**Drainage to Streets:** Fair to poor

**Site Requirements:** None

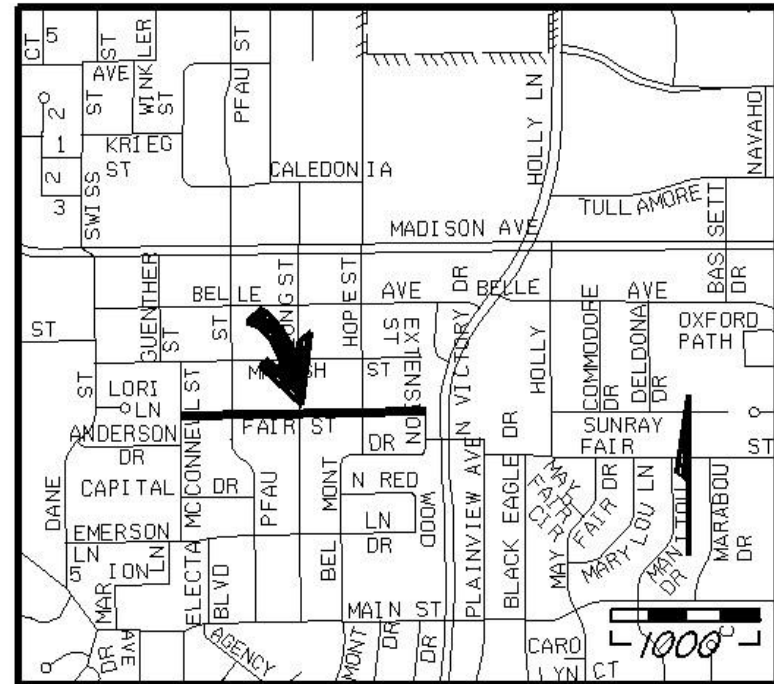
**Impact:** Neighborhood improvements and reduction of maintenance expenditures.

**Planning Commission Comment:**

**Multi-Modal Committee Comment:**

**Project History:** None

### LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Fulton Street	2012

### Sources of Funding

General Obligation Bond	\$ 261,946
Special Assessment	\$ 160,374
G.O. Water Revenue Bonds	\$ 58,804
G.O. Sewer Revenue Bonds	\$ 42,767
<b>Total Cost</b>	<b>\$ 523,891</b>

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Complete reconstruction of Fulton Street from Marshall Street to Byron Street to include replacement of aging infrastructure and install new storm drainage improvements per the storm drain master plan.

**Justification:** Replacement of aging facilities and improving drainage

**Pavement Rating:** Poor to very poor

**Watermain Condition:** Failing

**Sewer Condition:** Very good

**Drainage to Streets:** Poor to very poor

**Site Requirements:** None

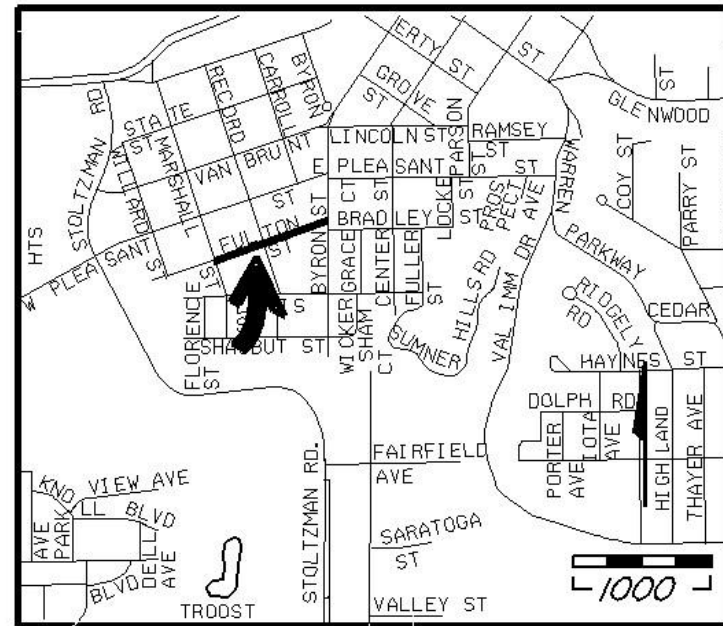
**Impact:** Neighborhood improvements and reduction of maintenance expenditures.

**Planning Commission Comment:**

**Multi-Modal Committee Comment:**

**Project History:** None

### LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Ramsey Street	2012

### Sources of Funding

General Obligation Bond	\$ 191,599
Special Assessment	\$ 112,706
G.O. Water Revenue Bonds	\$ 41,325
G.O. Sewer Revenue Bonds	\$ 30,055
<b>Total Cost</b>	<b>\$ 375,685</b>

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Complete reconstruction of Ramsey Street from Parsons Street to Highland Avenue to include replacement of aging infrastructure and install new storm drainage improvements per the storm drain master plan.

**Justification:** Replacement of aging facilities and improving drainage

**Pavement Rating:** Poor

**Watermain Condition:** Undersized

**Sewer Condition:** Very poor

**Drainage to Streets:** Poor

**Site Requirements:** None

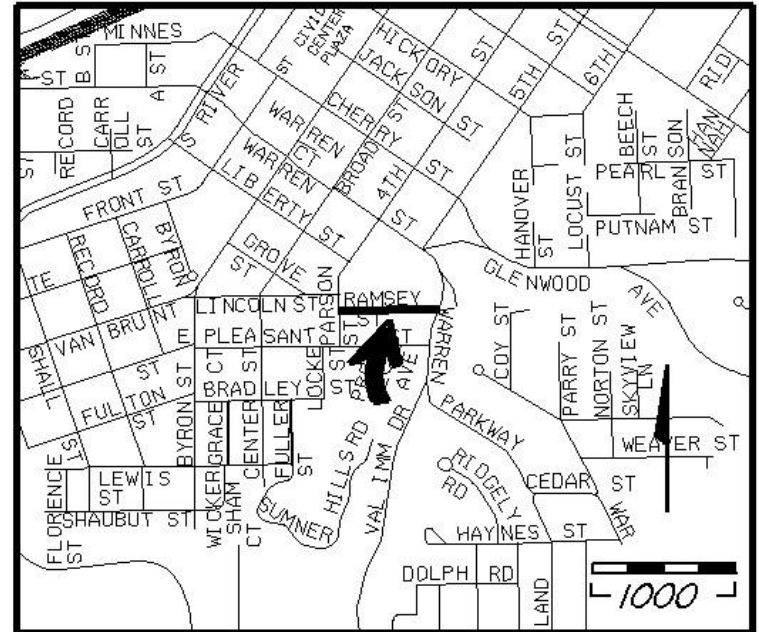
**Impact:** Neighborhood improvements and reduction of maintenance expenditures.

**Planning Commission Comment:**

**Multi-Modal Committee Comment:**

**Project History:** None

### LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	West 2 <sup>nd</sup> and Marcy Street Phase 3	2012

### Sources of Funding

General Obligation Bond	\$ 54,957
Special Assessment	\$ 27,944
G.O. Water Revenue Bond	\$ 10,246
<b>Total Cost</b>	<b>\$ 93,147</b>

### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Complete reconstruction of Spence Street from West 3<sup>rd</sup> Street to Mound Street

**Justification:** Replacement of aging facilities and improving drainage

**Pavement Rating:** Failing

**Watermain Condition:** N/A

**Sewer Condition:** N/A

**Drainage:** Poor

**Site Requirements:** None

**Impact:** Neighborhood improvements and reduction of maintenance expenditures.

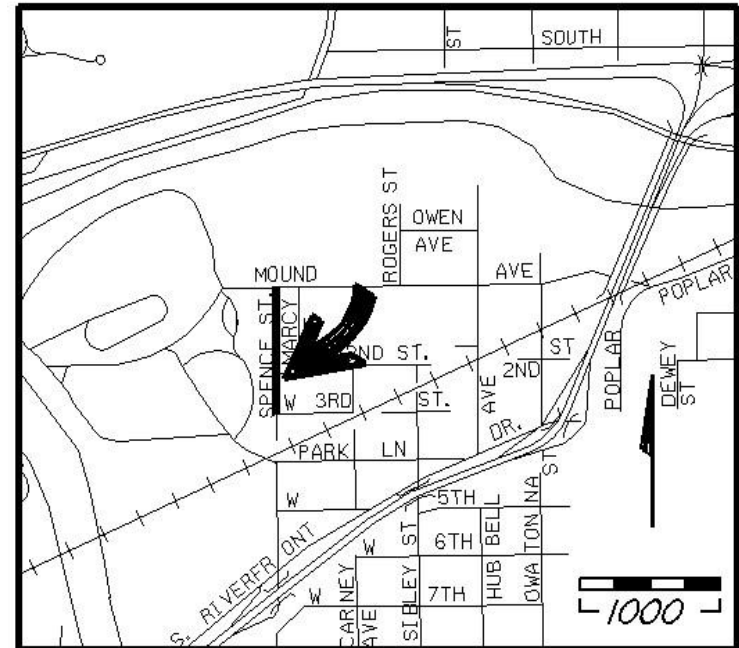
**Planning Commission Comment:** None (2008)

**Multi-Modal Committee Comment:**

**Project History:** This project was originally proposed as single phase reconstruction project. Engineering staff has come up with a 3-year phased construction plan to reduce the access impacts to residents.

Phase 1 scheduled for 2010 is proposed in the project description above. In 2011, Marcy Street from West 2<sup>nd</sup> Street to Mound and West 2<sup>nd</sup> Street from Spence Street to Sibley Street is proposed for reconstruction. In 2012, Spence Street from West 3<sup>rd</sup> Street to Mound Avenue is proposed for reconstruction.

### LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Alley Rehab and Overlay	2012

### Sources of Funding

General Obligation Bond	\$ 166,440
Special Assessment	\$ 125,560
<b>Total Cost</b>	<b>\$ 292,000</b>

### **PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT**

**Project Description:** Construct and rehabilitate alleys within the city limits as identified in the Alley Master Plan developed by engineering staff

**Justification:** Replacement of unserviceable surfacing and improving drainage.

**Alley 13-402**, from Willard to Marshall between State and Van Brunt  
Pavement Rating: Gravel  
Drainage to Streets: Poor

**Alley 13-403**, from Stoltzman to Willard between Van Brunt and West Pleasant  
Pavement Rating: Gravel  
Drainage to Streets: Poor

**Alley 13-428**, from Willard to Marshall between Van Brunt and West Pleasant  
Pavement Rating: Fair  
Drainage to Streets: Fair

**Alley 13-343**, from Record to Carroll between West Pleasant and Fulton  
Pavement Rating: Gravel  
Drainage to Streets: Poor

**Alley 13-433**, from Marshall to Record between West Pleasant and Fulton  
Pavement Rating: Fair  
Drainage to Streets:

**Alley 13-434**, from Record to Bryon between West Pleasant and Fulton

Pavement Rating: Gravel  
Drainage to Streets: Poor

**Alley 13-435**, from Fulton to Lewis west of Marshall  
Pavement Rating: Gravel  
Drainage to Streets: Poor

**Alley 13-436**, from Marshall to Record between Fulton and Lewis  
Pavement Rating: Fair  
Drainage to Streets: Fair

**Alley 18-157**, from Lincoln to Grove between 2<sup>nd</sup> and Broad  
Pavement Rating: Very poor  
Drainage to Streets: Very poor

**Alley 18-403**, from Warren to the north between Coy and Parry  
Pavement Rating: Poor to very poor  
Drainage to Streets: Poor to very poor

**Alley 18-404**, from Warren to the North between Parry and Norton  
Pavement Rating: Fair  
Drainage to Streets: Fair

**Alley 18-408**, From Weaver to Davis between Warren and Norton  
Pavement Rating: Gravel  
Drainage to Streets: Poor

**Site Requirements:** None

**Impact:** Neighborhood improvements and reduction of maintenance expenditures.

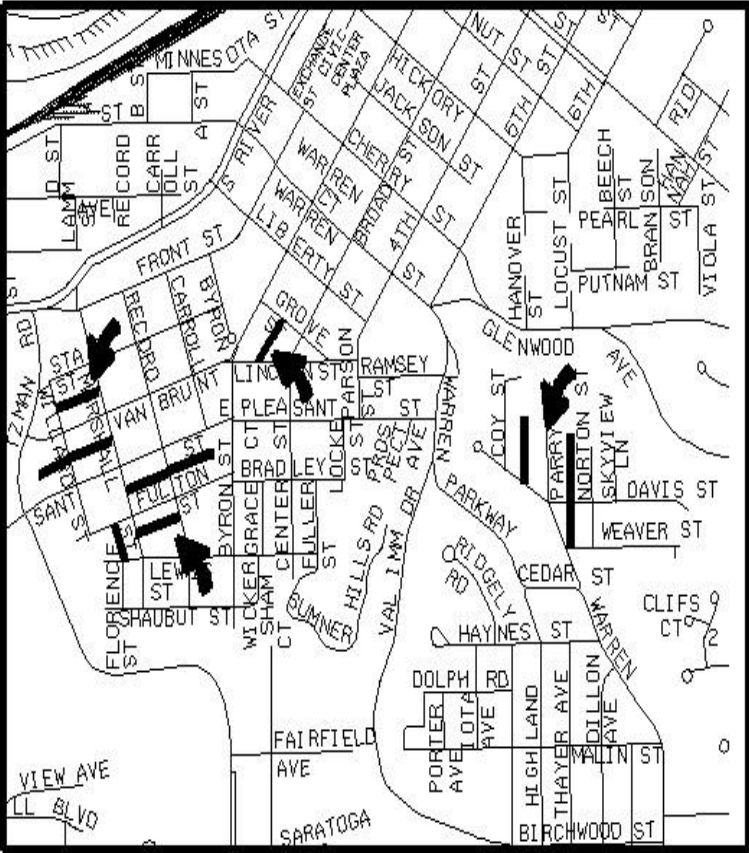
**Planning Commission Comment:**

**Multi-Modal Committee Comment:**

**Project History:** Engineering staff was directed to come up with an Alley Master Plan to address continual long-term maintenance issues with poor

alley surfacing conditions and eliminate unsurfaced alleys. In 2009, staff completed the master plan and began its implementation.

LOCATION AND RELEVANT GRAPHIC DETAILS



## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Critical Links Sidewalk Program	2012

### Sources of Funding

G.O. Bond	\$75,000
Special Assessment	\$15,000
<b>Total Cost</b>	<b>\$90,000</b>

### **PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT**

**Project Description:** Construct 5-foot concrete walks within 2 miles of schools in Mankato according to the sidewalk ordinance and 5-foot walkways with pedestrian accessibility ramps located within the walking radius of Mankato public schools District 77.

**Justification:** Improve pedestrian safety in school areas.

**Site Requirements:** Located within existing rights-of-way.

**Impact:** Maintenance obligations: Property owners will be asked to maintain more sidewalks in these nonexistent sidewalk areas so that peoples and students will not be asked to walk in the street and have a safe refuge year-round as they move to school and playground sites.

**Planning Commission Comment:** None (2008)

**Multi-Modal Committee Comment:**

**Project History:** Mankato has, since the 1950s, suffered from a lack of sidewalks when the policy was changed not requiring sidewalks to be installed when houses were built. In 1985, the City Council instructed us to make sure that sidewalks went in and were proposed on all reconstructions, with minimal exceptions. That concept was enforced. In 1996, after years of agonizing study, the City Council adopted a sidewalk ordinance identifying missing links in the system, and determined that all new construction and reconstruction would incorporate sidewalks in accordance with the ordinance. Determined Councils since that date have accommodated 100% of those walkways; however, we are now faced with a series of obvious missing links in the system where safe routes to school terminate at certain locations and then start again when the routes hit the district properties. Parent/teacher organizations and campus safety staffs have identified these risk areas and have encouraged us to install these missing links.

Correspondence from the Kennedy School area, where many of the ordinance links were constructed in the last several years, made it obvious the missing links now are the unsafe portions of the project. Since the year 2000, District 77 was forced by budget cuts to further reduce busing in the area and elementary students within one mile and high school students within two miles of the school are encouraged to walk. This situation further exacerbates the identified problem. Applied for Safe Routes to School Grants for 2007, 2008.

A list of identified Critical Link Sidewalks:

- Map Drive, Stadium to MRCI
- Tullamore, Victory to Star

## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering Public Works	Overlays 2012	2012

### **Sources of Funding**

General Obligation Bond	\$200,000
Special Assessment	\$150,000
G.O. Water Revenue Bond	\$25,000
G.O. Sewer Revenue Bond	\$25,000
Stormwater Revenue	\$150,000
Other	<u>\$ 50,000</u>
<b>Total Cost</b>	<b>\$600,000</b>

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### **PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT**

**Project Description:** Provide 2" mill and overlay to the listed streets to restore surface and improve rideability.

**Justification:** Selected streets have deteriorated to the point where major maintenance is required to increase service life.

**Site Requirements:** None

**Impact:** Improved surface conditions, rideability and increased service life for the selected streets.

**Planning Commission Comment:** None (2008)

**Multi-Modal Committee Comment:**

**Project History:** This is an annual coordinated project between Public Works and Engineering staff to address maintenance issues with regard to surface conditions on streets.

## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Petition Projects	2012

### Sources of Funding

General Obligation Bond	\$ 100,000
<b>Total Cost</b>	<b>\$ 100,000</b>

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### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Miscellaneous Improvements requested from property owners that may have some General Obligation funding, such as:

- Alley surfacing petitions other than Alley Rehab Program
- Street resurfacing petitions other than in the Resurfacing Program
- Subdivision development that may have pipe over-sizing City share

**Justification:** Each petitioned improvement may be ordered based upon its own merits and availability of General Obligation funding. If General Obligation funding is not available, or is greater than \$100,000, the project may be incorporated into future CIP years

**Site Requirements:** As may be required on individual project requests

**Impact:** City financing limited to \$100,000 annual share

**Planning Commission Comment:** None (2008)

**Multi-Modal Committee Comment:**

**Project History:** None

## CAPITAL IMPROVEMENT PROJECT DESCRIPTION 2010-2014

DEPARTMENT	PROJECT TITLE	CONSTRUCTION YEAR
Engineering	Stormwater Outfalls Corrections	2012

### Sources of Funding

Stormwater Revenue	\$ 50,000
<b>Total Cost</b>	<b>\$ 50,000</b>

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### PROJECT DESCRIPTION, JUSTIFICATION, SITE REQUIREMENT AND IMPACT

**Project Description:** Study erosion in Barnes Ravine and MSU athletic field's runoff

**Justification:**

**Watermain Condition:** N/A

**Sewer Condition:** OK

**Drainage to Streets:**

**Site Requirements:**

**Impact:** Stabilize creek

**Planning Commission Comment:** None (2008)

**Multi-Modal Committee Comment:**

### PROJECT HISTORY

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### LOCATION AND RELEVANT GRAPHIC DETAILS